20010313.qrp v02_n126.qrl.20010313

Date: Tue, 13 Mar 2001 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2126

QRP-L Digest 2126

Topics covered in this issue include:

  1) [94043] ...still alive and payin' taxes!
     by Bruce Rattray <rattray@gpfn.sk.ca>
  2) [94044] Re: HB: The Art of Scrounging (my favorites)
     by "laura halliday" <marsgal42@hotmail.com>
  3) [94045] earphones
     by David Heintzleman <pstrdave@kdsi.net>
  4) [94046] Re: Air variable capacitor value
     by David Sarraf <david.sarraf@paonline.com>
  5) [94047] RE: Opinion on FT-847 on HF? Thanks and VOX
     by "Kevin F. Glynn" <kfglynn@mindspring.com>
  6) [94048] Re: earphones
     by "Winston F. Jones" <winjones@ix.netcom.com>
  7) [94049] Re: message repeats????
     by Bill Stietenroth <k5zty@juno.com>
  8) [94050] Fox: N6WG Final--Going, going, gone
     by "Bob Tellefsen" <n6wg@earthlink.net>
  9) [94051] N4BP column in Mar/Apr NCJ!
     by "K7FD N7SG" <cqdx@teleport.com>
 10) [94052] AL7FS looking for NorCal 40A
     by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
 11) [94053] RE: 500 v. 250 Filter Question
     by "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
 12) [94054] PSK31 Audio Beacon Kit
     by "George Heron N2APB" <n2apb@erols.com>
 13) [94055] Re:Re: Magnetized Ferrites
     by MertNellis@aol.com
 14) [94056] Re: N4BP column in Mar/Apr NCJ!
     by Bob Patten <n4bp@bc.seflin.org>
 15) [94057] 100mw test from Gabrovo (LZ2RS)
     by Garie Halstead <k8kfj@ntelos.net>
 16) [94058] Atlanticon Beacon kit longish...
     by "Joe Everhart" <n2cx@voicenet.com>
 17) [94059] FS: Unbuilt Sierra Kit
     by "Rod Cerkoney" <n0rc@hotmail.com>
 18) [94060] Re: Atlanticon Beacon kit longish...
     by n2cx@voicenet.com
 19) [94061] K2 Update & Comments

by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
20) [94062] Re: 500 v. 250 Filter Question
by "Lau, Zack, W1VT" <zlau@arrl.org>
21) [94063] ZK2BQI @ 750mW & my new satellite internet system (QRP?)
by "Jim" <sunwatt@starband.net>
22) [94064] Re: Source for large transformers?
by Bill Coleman <aa4lr@arrl.net>
23) [94065] Re: 500 v. 250 Filter Question
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
24) [94066] Re: Air variable capacitor value
by "Karl F. Larsen" <k5di@zianet.com>
25) [94067] Re: Air variable capacitor value
by Pete Burbank <plburbank@kih.net>
26) [94068] Last Night's Cub Fox Hunt ??
by Michael Melland <badger@vbe.com>
27) [94069] FOX: W8RU Dual CubFox Extravaganza Final Log
by Ron Majewski <majewski@erim-int.com>
28) [94070] Calendar
by "T.W." <wb5qyt@abq.com>
29) [94071] F5PBL 14.060 2000Z
by Ken Brown <n4so@juno.com>
30) [94072] FOR SALE: Ten Tec Argosy 2.......
by "Andy GM0NWI" <GM0NWI@btinternet.com>
31) [94073] [MH101] SWL-30+ Notes [long]
by "Chuck Adams, K7QO" <k7qo@primenet.com>
32) [94074] Dates for QRP to Fields after June?
by Jeff <fantbb@yahoo.com>
33) [94075] Re: Web Calendar for QRPers
by Bill Jones <kd7s@psnw.com>
34) [94076] Turning off HTML in AOL 6.0
by PDouglas12@aol.com
35) [94077]
by bcharbour@zebra.net
36) [94078] Magnetized baluns and bad HW-8 cores
by "Mike Czuhajewski" <wa8mcq@erols.com>
37) [94079] Re: Source for large transformers?
by "Steven Weber" <kd1jv@moose.ncia.net>
38) [94080] QUICK SALE! TenTec Argo II (535)
by Doug Bankston <dougbankston1@yahoo.com>
39) [94081] JPS NIR-12 DSP unit info wanted
by Rick Robinson <rerobins@email.uncc.edu>
40) [94082] Disregard this ascii test . . .
by Dick Rood <fcsw@juno.com>
41) [94083] Re: Unsubscribing
by John Wagner <john@neknetwork.com>
42) [94084] For Sale
by clifton w sikes <n5uw@juno.com>
43) [94085] DX and DSP

    by "Karl F. Larsen" <k5di@zianet.com>
 44) [94086] Re: [TenTec] earphones
    by "Anthony A. Luscre" <aluscre@neo.rr.com>
 45) [94087] Re: JPS NIR-12 DSP unit info wanted
    by "Karl F. Larsen" <k5di@zianet.com>
 46) [94088] QRP kits for sale
    by Oleg Borodin <Oleg.Borodin@p11.f35.n5036.z2.fidonet.org>
 47) [94089] Fwd: For Sale - NorCal -20 Kit (unbuilt)
    by david gauding <david.gauding@bbs.galilei.com>
 48) [94090] Re: QRP kits for sale
    by Howard Weinstein <k3hw@yahoo.com>
 49) [94091] RE: QRP kits for sale
    by "Ed Tanton" <n4xy@att.net>
 50) [94092] Re: 500 v. 250 Filter Question
    by "Marty N5NW" <n5nw@onebox.com>
 51) [94093] RE: JPS NIR-12 DSP unit info wanted
    by "Ed Tanton" <n4xy@att.net>
 52) [94094] FS or FT Palm Pilot Professional
    by "Marty N5NW" <n5nw@onebox.com>

Date: Mon, 12 Mar 2001 18:13:40 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [94043] ...still alive and payin' taxes!
Message-ID: <Pine.LNX.4.33.0103121753300.22790-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'd like to sincerely thank everyone who sent me good wishes, via e-mail
and snail mail, for a positive outcome as it pertains to my heart bypass
surgery which took place on March 2/2001....
...6 new arteries later, I was discharged from hospital on Friday and am
now at home recuperating for a 6 to 8 week period....
....you might recall that once in the past, I broke my ankle so I could
stay at home and play qrp ;-) ....well looks like I've done it again so
I can "do qrp" at home and not be bothered wasting time at work eh!?!...
...I must lay claim to having a 100% QRP body & mind, because the
angiogram showed my heart was already growing new qrp arteries so I could
continue the world's finest pursuit, living to do QRP!...
.....I was amazed when I saw this on the angioram....so thanks once again
for all your encouraging words, messages, qsl cards, etc...they were and
are all part of the process that helped me through the hospital stay and
they continue to help me during the recovery process at home...
.....once again, the reason has been proven, to me at least, why I will be
involved in QRP until the day when I become a Silent Key and that is

"Folks, we are F A M I L Y!"

.....72/73/88s - Bruce&Bonnie (VE5RC+VE5QRP)

Date: Tue, 13 Mar 2001 01:27:38
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [94044] Re: HB: The Art of Scrounging (my favorites)
Message-ID: <F116bNDN4CxpAOAkK5L0000d721@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Allow me to second old VCRs as a source of parts.

When I was a student recently it was very apparent
when "Hard Garbage Day" was - the day to keep an eye
out for all the dead radios, TV sets and things people
were throwing out. I cleaned up. :-)

Not counting my current situation (I work for an
electronics OEM, so the dumpster is always interesting),
my best score remains a Collins 51J-4 receiver. They
were clearing out an old lab at school and I was
afraid it was going to go in to the dumpster. I asked
nicely and was told I could have it.

Try the as-is junk section of your local charity/thrift
store. Even if you have to pay a few bucks for a dubious
radio/TV/VCR/whatever, it's worth it for the parts, and
the money is going to a worthy charity.

Oh, BTW: I booked my ticket today so I can come to
Foothills in April. Should be fun.

Laura Halliday VE7LDH   "Que les nuages soient notre
Grid: CN89mg   pied a terre..."
ICBM: 49 15.042 N 122 59.053 W   - Hospital/Shafte
_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

Date: Mon, 12 Mar 2001 19:58:09 -0600
From: David Heintzleman <pstrdave@kdsi.net>

To: qrp-l@Lehigh.EDU, tentec@qth.net
Subject: [94045] earphones
Message-ID: <3AAD7EB1.F3CE15B2@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, just got a TenTec PM2B transceiver like I used to have in 70-71. I am in need of a pair of high impedance, 1000 ohm, ear phones.
any suggestions where to find?

reply off list - tnx
73,
Dave K8BBM

Date: Mon, 12 Mar 2001 21:19:30 -0500
From: David Sarraf <david.sarraf@paonline.com>
To: bmurrey@amexol.net, qrp-l@lehigh.edu
Subject: [94046] Re: Air variable capacitor value
Message-ID: <3AAD83B2.B0C08AE7@paonline.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob:

>
>Measure the area and spacing of what?
>Do I measure the area of each blade? The ones that move, or the stationary ones, or both?
>

Measure the area of the smaller blade. That will be the one that governs your capacitance.

>
> How do you figure the area of something not square, round, or triangular?
>

An earlier post mentioned tracing the shape onto graph paper and counting squares. Estimate by halves for the squares at the edge of the blade. I have tried this and it works well. You could also trace the shape onto cardstock, cut it out, and weigh it. Weigh a rectangular piece of known area and convert the weight of the traced piece into an area. This also works well. I have tried it and I know of a real

estate agent who uses it to estimate acreage of odd-shaped properties.

>
> Do I need to deduct for the area consumed by the shaft?
>

Probably not since it is small in comparison with the plate area. It wouldn't be hard to subtract since it is a cylinder. You will probably have more error in computing the capacitance than you would get by neglecting the shaft area.

>
>As far as spacing measurements, do I measure the gaps between the plates? When Open? When closed? Both?
>

The gap should be the same either open or closed. I would measure when closed.

>
>Couldn't I just hook it up to my AADE LC meter (if I had one)?
>

You could make up a simple oscillator and check its frequency on your general coverage reciever. Substitute fixed caps for the variable until you get a reasonably close match to the initial frequency of oscillation, or just measure frequency for each of several caps and, through lots of hand math, back out the value of the coil and your variable capacitor. Better yet make a calibration curve based on several caps to average out the tolerance errors of the individual caps. Lots of work but if you don't have the LC meter that's what you do. Along with finding the value of that cap you will also learn some good skills like how to measure things and how to get by with simple methods.

Dave Sarraf

Date: Mon, 12 Mar 2001 21:39:20 -0500
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [94047] RE: Opinion on FT-847 on HF? Thanks and VOX
Message-ID: <00df01c0ab66$d04b8d00$122ef7a5@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi gang,

First thanks very much to everyone who's sent info to the list and myself.
I greatly appreciate the excellent feedback.

Kevin WB5RUE asked if there were an add-on VOX, and yes there is. While checking out Inrad's filters I found they have an add-on external VOX for that rig. Their website is http://www.qth.com/inrad/.

They also make RF and Mixer kits for the Kenwood TS-520SE that fit inside rig. Improves sensitivity and dynamic range of receiver. Funny thing is I have a mint 520SE which happens to be my favorite radio. Guess maybe someone's telling me to get those kits too....

72 Kevin N2TO

Date: Mon, 12 Mar 2001 21:49:10 -0500
From: "Winston F. Jones" <winjones@ix.netcom.com>
To: <pstrdave@kdsi.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [94048] Re: earphones
Message-ID: <025401c0ab68$2ef48860$ac0545cf@netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave,

Try Antique Electronics Supply, their webpage is www.tubesandmore.com. They have a pair of 2000-ohm high impedence headphones, with the phone tip plugs, the kind that fit into the phone tip jacks, if your PM is all original. The most popular modification, which most everybody did, was to put a 1/8-inch phone jack in place of the tip jacks. Both my PM-2A and PM-3A had been converted that way, but I converted them back to the phone tip jacks and use an old pair of 600 ohm military headphones. You can find the military phones at several locations on the internet. Fair Radio is one. Their site is www.fairradio.com.

I hope this helps and hope you enjoy the old Power Mite.
73, Winston K4CWQ

----- Original Message -----

From: "David Heintzleman" <pstrdave@kdsi.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, March 12, 2001 20:58 PM
Subject: earphones

> Hi, just got a TenTec PM2B transceiver like I used to have in 70-71. I
> am in need of a pair of high impedance, 1000 ohm, ear phones.
> any suggestions where to find?
>
> reply off list - tnx
> 73,
> Dave K8BBM

Date: Mon, 12 Mar 2001 19:04:17 -0600
From: Bill Stietenroth <k5zty@juno.com>
To: qrp-l@lehigh.edu
Subject: [94049] Re: message repeats????
Message-ID: <20010312.211002.-3786481.1.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I just got 283 messages. I guess it is repeating. Messages dated all
last week.
The owner of this list is going to owe me a new delete key.

Bill, K5ZTY
Houston,TX

On Sun, 11 Mar 2001 20:19:41 -0700 "John A. Evans - N0HJ"
<jaevans@codenet.net> writes:
> Greetings,
>
>   Is anyone else getting message repeats right now from the last
> week or is
> it just me or my ISP that is having a deja burp??

Date: Mon, 12 Mar 2001 19:16:29 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [94050] Fox: N6WG Final--Going, going, gone

Message-ID: <003401c0ab6b$ff891c40$0ed5fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No more corrections received, so this will stand as my final report.
I did pick up one more QSO for a total of 96--seems I forgot to include
myself--duh :-)
Thanks for all the fun, folks. Hope to hear all the usual suspects next
season.
73, Bob N6WG

TIME CALL RST ST NAME POWER
0200 K0PC 559 MN PAT 5W
0202 NK6A 559 CA DON 5W
0203 NQ7X 559 AZ FLOYD 5W
0204 N0UR 559 MN JIM 5W
0205 K0EVZ 579 ND DOC 2W
0206 WE7G 559 UT WAYNE 5W
0207 W6ABC 599 CA JACK 5W
0208 K5OI 559 NM TIM 5W
0209 N1FN 559 CO ET 5W
0210 K7RE 559 AZ BRIAN 5W
0211 N5TW 599 TX TOM 5W
0212 VE6EX 559 AB DAN 5W
0213 K0MP 559 CO BILL 5W
0214 W9UQB 559 AZ MIKE 5W
0215 KK5LD 559 TX DAN 5W
0216 K7FD 599 OR JOHN 5W
0217 W4NJK 599 CA CHARLES 5W
0218 W0PWE 579 IA JERRY 5W
0219 AA7XA 579 OR FRANK 5W
0220 N1LN 559 TX BRUCE 5W
0221 N2WW 559 CO LARRY 5W
0222 W0RSP/7 579 AZ ADE 2W
0224 KB7WW 559 OR ART 5W
0225 WA7TQK 559 ID BILL 5W
0226 K1OJ 559 TX OK 5W
0227 N5GJQ 569 LA MIKE 5W
0228 K5VUU 559 TX ED 5W
0228 K5AAR 559 OK DON 5W
0229 K6VNX 559 CA ARLEN 5W
0231 K5DI 579 NM CARL 5W
0232 VA6RF 559 AB EARL 5W
0233 K9IUA 559 ND KEVIN 5W
0235 NK7M 559 AZ BOB 5W
0235 W5YR 559 TX GEORGE 5W

0237 KE6RS 599 CA RON 5W
0238 N5EN 559 TX STEVE 5W
0239 K5JHP 559 TX BILL 5W
0240 NW7DX 559 WA BEN 5W
0241 K5LN 559 TX BILL 5W
0242 W0CH 559 MO DAVE 5W
0243 N5IW 559 TX DAVE 5W
0244 AE9K 559 WI BRIAN 1W
0245 W5USJ 559 TX CHUCK 3W
0246 N4ROA 559 VA DAN 5W
0247 N0AR 559 MN SCOTT 4W
0248 AC5JH 559 OK TOM 5W
0249 N8IE 559 OH DAN 5W
0252 N9AW 559 WI JERRY 5W
0253 AA7EQ 559 AZ BOB 5W
0255 WA9TZE 559 WI JIM 5W
0256 K5HKX 559 TX PAUL 5W
0257 K0FRP 579 CO AL 5W
0258 K5EOA 559 LA WAYNE 5W
0259 K5ZTY 559 TX BILL 5W
0300 N3AO 559 PA CARTER 5W
0302 AA0ZZ 559 MN CRAIG 5W
0303 W0UFO 559 MN MERT 5W
0305 N5TU/M 559 TX EARL 5W
0308 W0RW 579 CO PAUL 5W
0309 W8RU 559 MI RON 5W
0310 N0TK 559 CO DAN 2W
0311 WA5OJE 559 TX DANNY 5W
0312 W5TB 559 TX DOC 5W
0313 N4SO 599 AL KEN 5W
0314 K4FB 559 FL PAUL 5W
0315 N5LU 559 OK BILL 5W
0316 WR5O 559 TX DAVE 5W
0317 K5DW 559 TX DON 5W
0319 AK7Y 559 AZ GREG 5W
0320 AD6JV 599 CA BILL 5W
0321 KI0II 599 CO RON 5W
0322 KK7GG 559 OR MIKE 5W
0325 W5HNS 559 TX HENRY 5W
0326 WA5REJ 559 TX ARLEN 5W
0328 WB8ICN 559 MI MIKE 5W
0331 N1TP 559 FL TOM 5W
0332 N5ET 569 TX BOB 5W
0333 KQ5U 599 TX TERRY 5W
0335 KC1FB 559 CT JIM 5W
0336 AF4PS 539 FL MAC 4W
0338 W8SFF 559 MI STEVE 5W
0342 W9XU 559 WI LON 5W

0343 N7DW 599 CA RUSS 5W
0345 N5UW 559 OK CLIFF 5W
0346 WE9K 539 WI GLENN 5W
0347 AF4LQ 549 KY MIKE 5W
0348 AK1P 599 CA PAUL 5W
0349 W6KI 579 CA GLENN 5W
0352 K7KY 559 WA GARY 5W
0353 K9IS 449 WI STEVE 4W
0354 WS4S 559 TN CONARD 5W
0356 K0YWD 559 MT SKIP 5W
0357 W5PF 559 TX PAUL 5W
0359 N0IT 569 MO DAVE 5W
0359 K4ADI 559 SC FRANK 5W
0400 N6WG 559 CA BOB 5W

Date: Sun, 11 Mar 2001 23:29:22 -0800
From: "K7FD N7SG" <cqdx@teleport.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Cc: <elecraft@qth.net>
Subject: [94051] N4BP column in Mar/Apr NCJ!
Message-ID: <007701c0aac6$2d6ae2c0$d7231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Bob's done it again! What a great spread for QRP in this issue of the
National Contest Journal - Wow! Bob's column consists of four sub-articles
written by Randy K7TQ, Jerry N9AW, Jim KJ5TF, and Larry WD3P. Bob's column,
'Contesting For Fun' covers milliwatting this month...featuring the above
four writers. It is excellent reading...if you can get a hold of NCJ this
month, do so! His column spans a FULL three pages in the mag - excellent!

73 John K7FD

Date: Mon, 12 Mar 2001 19:53:43 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [94052] AL7FS looking for NorCal 40A

Message-ID: <3AADA7D7.5E97C663@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

Does anyone have an unbuilt Wilderness NorCal 40A Rev B they would like
to sell? I was about to just order it from Wilderness Radio but perhaps
there is a good deal just waiting out there for me if I just ask.
:-)   I can pay via PayPal if that helps.

I am planning to build it while reading through the book "The
Electronics of Radio".

For this purpose, I am looking for the latest Revision Kit only.

Thanks,

73, Jim
--
Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
http://www.qsl.net/al7fs/

Date: Tue, 13 Mar 2001 00:09:24 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: <Karl.Kanalz@allegiancetelecom.com>, "Low Power Amateur Radio Discussion"
<qrp-l@Lehigh.EDU>
Subject: [94053] RE: 500 v. 250 Filter Question
Message-ID: <LPBBJAGIPFHKPJENAKLOMECNEAAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

 While I am no speed demon and the speeds I was working this afternoon
were a bit below 18 wpm, I would say that if it weren't for the 250 hz
FL3 on my K-1 (#234) the two QSOs I had on 40m this afternoon would have
been a wash ... the QRM and QRN was cycling from bad to awful and a
switching down from FL2 (500 Hz) to FL3 (250 Hz) made the world of
difference. Just my $.02 ... 72 de brian, n1bq

> -----Original Message-----
> From: Kanalz, Karl

> Sent: Monday, March 12, 2001 17:18 PM

> I've NEVER experienced any "ringing" in the 250 Hz CW filter
> I installed in my Ikkum-781, Ed!! iCOM filters are pretty darned
> good -- not "ringie" like in the early days of crystal filter
> manufacture.
>
> Even at CW speeds of around 35-40 wpm, I don't detect any ringing....
> just pure signals, Ed. I agree with you that a 500 Hz BW
> filter is a bit broad when you're trying to pick a weak one out of the
> noise or a DX station in a pileup!

> > -----Original Message-----
> > From: elawson [SMTP:elawson@lawson-philpot.com]
> > Sent: Monday, March 12, 2001 1:57 PM

> > I am confronted with the problem of whether to install a
> > 500 or 250 Hz crystal filter in a new Icom 718. They take a
> > 455Kz IF filter which is soldered in. I have heard it said
> > ringing may be a problem with a 250 filter when operating over
> > 18 WPM. Personally, a 500 filter has always seemed too wide to
> > me when the going got tough, but maybe the ones I used had wide
> > skirts. So my question to the collective wisdom, should I be
> > concerned about ringing and audio degradation with the 250 and go
> > with a 500? Or is the 250 generally better for serious CW work.
> > While not a speed demon by any means, I use CW around 85%+.

Date: Tue, 13 Mar 2001 00:38:11 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [94054] PSK31 Audio Beacon Kit
Message-ID: <001601c0ab7f$cc7d1680$aa59accf@ghlpt4>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a quick note here to mention that we're running a bit behind schedule
in getting the Atlanticon Kit out to attendees and others who ordered.
Things are progressing well, and they will be mailed this week.

Some folks have expressed concern that they won't have time to assemble and
fine tune their PSK31 Audio Beacon in time for Atlanticon ... although we're
cutting it close, the project itself takes only 1-2 hours to assemble, and

getting it working is a piece of cake as you'll see in the schematic and parts layout on the website.

The final version of the software has also been placed onto the website, and the last several features will help ensure safe and considerate usage of the project even after Atlanticon.

1) a pushbutton START has been added for single pass initiation
2) a configuration jumper has been added for continuous loops
3) a PTT output bit has been added for control of the transmitter

A substantial section has been added to the manual: "The PSKer's Guide to Considerate Beaconing". We hope that all beacon users will read these guidelines and use cautious judgment when operating the beacon on the air. A session has been added to the Atlanticon weekend presentations to touch on this important aspect.

Lastly, if you want to get a head start on constructing or laying our your PSK Beacon with spare parts in the junk box (and there's really nothing elaborate, just follow the PARTS LAYOUT diagram on the website and you'll have a running start when your official parts arrive.

Thanks for everyone's patience and hope to see many of you at Atlanticon at the end of this month, in Timonium, MD. This year's QRP Forum is shaping up to be a truly great one.

One of our noted speakers, Steve Ford, WB8IMY, technical editor for QST has a knock-out presentation for us concerning PSK31 ... if you've followed Steve's interest and chronicling of this mode since it gained popularity, you'll see issue after issue containing his articles, recommendations, suggested operating practices, and more. We're real pleased to have WB8IMY on speaker staff, and yet another year of participation from ARRL headquarters. Thanks guys!

72/73, George N2APB
  n2apb@amsat.org
  for the NJQRP Club at http://www.njqrp.org
  Atlanticon information at http://www.njqrp.org/atlanticon/
  PSK31 Audio Beacon info at
http://www.njqrp.org/psk31beacon/psk31beacon.html

Date: Tue, 13 Mar 2001 01:14:47 EST
From: MertNellis@aol.com
To: qrp-l@lehigh.edu

Subject: [94055] Re:Re: Magnetized Ferrites
Message-ID: <64.bfb9d5f.27df14d7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The comments below by Leon and Chris prompted my thoughts that, to me being magnetized means causing permanent magnetism to exist in a core while applying a steady (dc) bias field to a core produces temporary field conditions. The dc bias can take a core into saturation but when removed leaves the core nearly the same. This is the way a magnetic amplifier works.
  The bias field changes the inductance of the core/coil. when present but not permanently. The field from a permanent magnet is a steady (dc) bias.
Hope I'm not too slow in adding to this thread.
73   Mert   W0UFO   MNQRP

On Sat, 10 Mar 2001, Leon Heller wrote:

> >Hey dudes and dudesses
> >
> >Let there be no doubt that type 61 material can be magnetized.
> >
> >I use an FT37-61 as a Frequency pulling component in a VXO.
> >I first notices a strange phenomena when I moved my speaker
> >within one foot of the toroid, my freq would change.
>
> Frequency may be controlled by varying the DC current through a winding on
a
> ferrite toroidal core, used in an oscillator. I remember seeing mention of
a
> VCO using this technique in Pat Hawker's Technical Topic column in RadCom.
>

    I wrote an article in the Sep/Oct 1997 issue of "Applied Microwave
& Wireless" on these things, known as saturable reactors or transductors.

Chris

Date: Tue, 13 Mar 2001 03:01:37 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: K7FD N7SG <cqdx@teleport.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94056] Re: N4BP column in Mar/Apr NCJ!
Message-ID: <Pine.3.89.10103130240.B18621-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 11 Mar 2001, K7FD N7SG wrote:
>
> Bob's done it again! What a great spread for QRP in this issue of the
> National Contest Journal - Wow! Bob's column consists of four sub-articles
> written by Randy K7TQ, Jerry N9AW, Jim KJ5TF, and Larry WD3P. Bob's column,
> 'Contesting For Fun' covers milliwatting this month...featuring the above
> four writers. It is excellent reading...if you can get a hold of NCJ this
> month, do so! His column spans a FULL three pages in the mag - excellent!
>
Thanks for the good words, John. The column would be nothing without
contributors like Randy, Jerry, Jim, and Larry.
My next column will tell how NOT to run a DXpedition. It will be a part
fact, part fiction account of the trip that Brian, K7RE and I made to
Freeport, Bahamas for the ARRL DX CW Contest last month. Following that,
I'd like to feature the upcoming QRPTTF and am hoping to get some input
from Paul Harden on his proposed operation from the "VLA".

       73,

                    ,'' '',
     Bob Patten, N4BP   (0 0)   Plantation, FL
_____________________________oOOo-(_)-oOO_____________________________________

                          E-Mail: n4bp@bc.seflin.org
                      Web Page: http://www.qsl.net/n4bp
                      Brass Pounder BBS: (954) 472-7715

  QRP ARCI #3412   FISTS #7871   ARS #799   SOC #1   Whiners #6

Date: Tue, 13 Mar 2001 08:24:36 +0000
From: Garie Halstead <k8kfj@ntelos.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94057] 100mw test from Gabrovo (LZ2RS)
Message-ID: <3AAD92F4.C28A5A93@ntelos.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I ran into LZ2RS tonight on 14060 at 0543z. Rumi uses a K2 into a 2 el
homebrew yagi. The band was open to his part of the world as the
Ukranians had been a dime a dozen (and very strong). It also didn't
hurt matters that the band was dead quiet after the rain.

Rumi starts running through different power levels starting at 1w, then
500mw and finally 100mw (testing each one individually and then sending

a BK after each test to see if I could respond to that level). I was totally amazed that I was able to copy even the 100mw test on my vertical. Being a QRP newbie of only 5 days, this QRPp stuff was a real eye-opener. There nothing like having an actual experience like this to make one a true believer.

Now, I'm off to read the "Milliwatting" articles in my March/April issue of NCJ (thanks N4BP). I think I may need to cut my power down. HI

72 //Gary *K8KFJ*

Date: Mon, 12 Mar 2001 23:12:18 -0500
From: "Joe Everhart" <n2cx@voicenet.com>
To: "njqrp" <njqrp@njqrp.org>
Cc: "qrpl" <qrp-l@lehigh.edu>
Subject: [94058] Atlanticon Beacon kit longish...
Message-ID: <000001c0abb1$acb6dc00$3b5947d1@n2cxtoy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

As Bobbie Burns said "The best laid plans of mice and men gang aft agly" - or something to that effect...

We have good news and we have delayed gratification news.

The good news is that the Atlanticon beacon kit is working great and we have all the parts.

The delayed gratification parts is that we can't ship yet.

We had hoped to get it in the hands of Atlanticon attendees early so that they would have lots of time to build it and tweak for best operation. The self-imposed deadline was to get it in the mail bey early this week. However several things conspired to slow things down a bit.

In the interest of getting thiings just right, there are a couple of "small" tweaks
to be incorporated in the software and building instructions. Remember, we have to program each processor individually. One chip is easy to do, but a hundred is a much bigger job!

These enhancements are the result of feedback from folks who have read the earlier announcements and read the information on the NJQRP web page.

The net result will be more flexible control and ability to ensure that it adheres to good operating practices on the air. Simply throwing a beacon on the air willy-nilly can cause unwanted interference. The updates give added utility to minimize misuse.

The current schedule to get all this cranked in successfully and ship the kits
to our Atlanticon attendees

Meanwhile check out the web page (www.njqrp.org_____ and decide just how *you* are going to make your beacon stand out in the qpr environment that is sure to take place during the competition at Atlanticon.

We apologize for the delays but we're sure that you wouldn't want us to shove
them out the dorr until things are just right. To paraphrase an old TV advert
"We will ship no beacon before it's tiime!"

Joe, N2CX and George, N2APB
for the NJQRP club

Date: Tue, 13 Mar 2001 05:36:54 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [94059] FS: Unbuilt Sierra Kit
Message-ID: <OE31ta3pHWHkPeZIcsQ00004ba4@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;   charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

$500 Shipped CONUS

Included are:

- the basic Sierra
- all 9 band modules
- KC2 Keyer/Counter/S Meter/Wattmeter
- KC2 Front Panel
- BuzzNot Noise Blanker

No time to build or operate for a while so this must go.

73, Rod N0RC
Ft Collins CO

Date: Tue, 13 Mar 2001 08:29:59 US/Eastern
From: n2cx@voicenet.com
To: njqrp@njqrp.org
Cc: qrp-l@lehigh.edu
Subject: [94060] Re: Atlanticon Beacon kit longish...
Message-ID: <200103131329.f2DDTwr56036@nss4.cc.lehigh.edu>

Group,

My last post shows what happens when I write a message in a very tired state - after
a wee nip of the creature....

Mis-spelllings aside, I negelected to actually provide the taregt ship date - it's the
end of this week.

And the URL for the beacon tech infor was missing it is:

http://www.njqrp.org/psk31beacon/psk31beacon.html

There, hope I got it right *this* time!

To fill the void 'til you actually get your hardware, I'll be makeing some periodic
posts on things you can do to maximize success in the competition - remember,
I'm one of the judges so you better pay attention...

Joe E.

This message was sent using Voicenet WebMail.
http://www.voicenet.com/webmail/

Date: Tue, 13 Mar 2001 08:24:26 -0600
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-l@lehigh.edu
Subject: [94061] K2 Update & Comments
Message-ID: <ALLICOLACMCJBAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

All,

I hesitated to spend the $ on the K2. I worried that i would not have the time to get it done in a reasonable amount of months, having 3 kids <= 5 years old.

All I can say is - BUY THIS KIT!!!

I can't tell you all how much fun I am having constructing the K2. It is slow going for me - maybe 45-60 minutes per day - but it is the most relaxing 45-60 minutes of my day and has done wonders to reduce my stress level. Get up at 5 AM, get ready for work in 20 minutes, and be out to the shack building by 5:30 until 6:30 or so. Get on the road to work by 6:45 AM with breakfast in hand, because you can't waste any precious K2 building time eating earlier!

If I have been able to convey any of my obsession with the building of my K2, then I have accomplished my task with this e-mail!

JUST DO IT!!!

73,
Joel NF9K

P.S. For those who have built or are building a K2, I am up to the point where you install R1 and R2 on the RF board. Any idea how long it is before I get to see the first "wiggle"?

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

"All men are like grass, and all their glory is
like the flowers of the field; the grass

withers and the flowers fall, but the word of
the Lord stands forever." (I Peter 1:24-25)

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at
http://www.eudoramail.com

Date: Tue, 13 Mar 2001 09:58:17 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [94062] Re: 500 v. 250 Filter Question
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9D5E@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Page 227 of SSD mentions the KVG-XL-10M having a Gaussian shape near the
peak of the response. The USA importer said that only a few were made. I
didn't
find it terribly difficult to build a crystal with an approximate Gaussian
response
using the data in Handbook of Filter Synthesis by Zverev and commonly
available
filter synthesis programs. Zack W1VT

Date: Tue, 13 Mar 2001 09:21:13 -0600
From: "Jim" <sunwatt@starband.net>
To: "QRP-L" <qrp-L@Lehigh.edu>
Subject: [94063] ZK2BQI @ 750mW & my new satellite internet system (QRP?)
Message-ID: <003401c0abd1$42974ba0$9a354794@computer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got ZK2BQI on Niue Island yesterday AM on 28.021 Up 1 with 750mW. Thats a
new one!

Note my new email address.

I have been paying $30. per month for internet, and $18. a month for the

extra phone line for a total of $48. to get the slowest internet connection in the USA. My best speed ever is 24000bps. You cant even get a local AOL dial up here, we are so isolated. Not only do we not have good internet service,
but no cable tv, no water lines, and no commercial electric power.

Everything is QRP here.

So for $70 a month I now have a Starband/DishNetwork satellite dish, and satellite modem. My speed is now amazing. From 100KBPS to 360KBPS.

I can now drop the local ISP and phone line!

In a heavy rain, and fog last night I was downloading 7 non-copyrighted songs off Napster at the same time, and downloaded a 4MB program in 2 minutes! Naturally it uplinks at the near same speed.

I think I can get a better deal now on my DishNetwork programing too, need to check that out.

Oh yeah, the 14.25gHz Ku band system has got to be QRP or even QRPp. I'm still trying to find out how much power it uses for TX.

I understand its nearly the same unit, (Gilat Satellite Network LTD) that gas stations use to confirm credit cards. Someone had a great idea to make the internet available on this.

72's de Jim KJ5TF
All Milliwatts, All The Time
sunwatt@starband.net

Date: Tue, 13 Mar 2001 10:11:39 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <wlauner@mail.win.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [94064] Re: Source for large transformers?
Message-ID: <1010213101140.KAA03959@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 3/8/01 10:59 AM, William H. Launer at wlauner@mail.win.org wrote:

>About 15 years ago, I wound a new secondary on an old (tube-type) tv power
>transformer. It was a bit of work, but has worked very well, and is still

>in daily use here. I used a 723 regulator circuit that current limits the
>output at about 20A. I think I used 3 #18 wires in parallel for current
>capability. Just remember that you need about 18vac from your transformer
>to give the regulators enough headroom for regulated 12-14vdc output.

Gosh, how come everyone advocates these wasteful linear regulated
supplies, rather than considering an efficient switching power supply
that would do away with the need for a large, low-voltage, high-current
transformer?

Granted, a switching power supply is much harder to design, and involves
some components that would have to be homebrewed (like the storage
inductor). But it does mean you'd only need an isolation transformer. And
the end result can be much more power-efficient.

Bill Coleman, AA4LR, PP-ASEL   Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
            -- Wilbur Wright, 1901

Date: Tue, 13 Mar 2001 10:24:41 -0500 (EST)
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: "Lau, Zack, W1VT" <zlau@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94065] Re: 500 v. 250 Filter Question
Message-ID: <Pine.BSF.4.10.10103131022050.45492-100000@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am suprised at the reprots of ringing in the DSP filters. Seems to me
that you are convolving your incoming signal with the filter operator.
The resultant should be clean. Even if ringing did exist, it should
be easy enough to clean up. Guess the problem is in the ear of the
listener.

Henry

Date: Tue, 6 Mar 2001 10:22:20 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [94066] Re: Air variable capacitor value

Message-ID: <Pine.LNX.4.31.0103061020050.1187-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes the best way to measure it is to close it to max capacity and then clip-lead it to something that measures capacitance like a MFJ SWR Analyser.

On Tue, 6 Mar 2001, Brian wrote:

> Measure the area and spacing of what?
>
> Do I measure the area of each blade? The ones that move, or the stationary
> ones, or both? How do you figure the area of something not square, round,
> or triangular? Do I need to deduct for the area consumed by the shaft? As
> far as spacing measurements, do I measure the gaps between the plates? When
> Open? When closed? Both? Divide by 2 and ad 11 to the result?
>
> Couldn't I just hook it up to my AADE LC meter (if I had one)?
>
>
> ----- Original Message -----
> From: "Bob Duckworth" <wb4mnf@atl.org>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, March 06, 2001 8:46 AM
> Subject: Re: Air variable capacitor value
>
>
> > All you have to do is measure the area and spacing.
> > Formula is in handbooks and intro physics and electricity books.
> > -bob
> >
> >
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Tue, 06 Mar 2001 13:51:27 -0500
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [94067] Re: Air variable capacitor value

Message-ID: <5.0.2.1.0.20010306133603.00a711a0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

FWIW I just measured a Hammarlund MAPC-50 air variable and it was 51 pf.
Someone posted yesterday that the part number included the capacity and
I believe that is correct.
If you described the physical dimensions a bit more I'm sure that many of the
homebrewers could guess fairly accurately as to its value.
73 Pete NV4V

Date: Tue, 06 Mar 2001 11:29:56 -0600
From: Michael Melland <badger@vbe.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [94068] Last Night's Cub Fox Hunt ??
Message-ID: <NEBBLKAGEKBNGELOFFCAEEKCCFAA.badger@vbe.com>
MIME-version: 1.0
Content-type: text/plain;   charset="iso-8859-1"
Content-transfer-encoding: 7bit

When no cub fox appeared after 15/20 minutes last night I hung up the hunt.
Now I notice that apparently there was a fill-in in for the cub fox later
on... does this mean that I'm now short another fox in the results since I
left after the fox clearly wasn't on the air at the appointed time ? Had I
known that someone was going to sub for da fox I'd have checked back... rats
!

I think we should have some sort of rule about canceling a hunt if a fox
(sub or not) doesn't appear by a certain amt of time. Or perhaps have no
actual start time at all.... just that the fox will appear "sometime" during
the 2 hour hunt.

73 de Mike, W9WIS

--
Michael Melland, W9WIS
QRP-L #1656 QRPARCI #9875
SOC #142 IPARC #252
EN54pc Winnebago Cty, Wisc.

Date: Tue, 13 Mar 2001 11:10:30 -0500
From: Ron Majewski <majewski@erim-int.com>

To: qrp-l <qrp-l@lehigh.edu>, Ron Majewski <majewski@erim-int.com>
Cc: John Wagner <john@neknetwork.com>
Subject: [94069] FOX: W8RU Dual CubFox Extravaganza Final Log
Message-ID: <3AAE4676.10A0CD4A@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Late again, but here it is. Thanks again and 73!

Ron (W8RU)

0202	K4BYF	559	JACK	FL	5W
0203	NC9O	559	SKIP	IL	2W
0205	W9HL	579	RANDY	IL	5W
0206	N8VAR	559	RON	OH	5W
0207	NU8S	559	DENNIS	OH	5W
0209	KK5LD	559	DAN	TX	5W
0210	W9WIS	559	MIKE	WI	5W
0211	KC1FB	559	JIM	CT	5W
0213	N4ROA	579	DAN	VA	100MW
0215	W3PNL	579	JOE	PA	3W
0216	KB9BVT	599	BRIAN	IN	5W
0218	N3HSY	559	KELLY	PA	3W
0219	W9XU	559	LON	WI	5W
0220	K9IS	559	STEVE	WI	5W
0222	K0FRP	579	AL	CO	5W
0223	W0CH	579	DAVE	MO	5W
0225	AA7XA	559	FRANK	OR	5W
0226	K0EVZ	599	DOC	ND	5W
0227	AF4PS	559	MAC	FL	3W
0229	N3AO	559	CARTER	PA	5W
0230	AE4IC	599	BOB	NC	5W
0233	K9IUA	559	KEVIN	ND	5W
0235	NO4D	559	KEN	SC	5W
0236	AC5JH	559	TOM	OK	5W
0238	KJ0C	589	JIM	MO	5W
0239	KV4EE	559	CRAIG	SC	5W
0241	N1TP	559	TOM	FL	5W
0242	W3SMK	599	STEVE	NJ	5W
0243	K4TJD	559	TOM	GA	5W
0245	WB8ICN	579	KEN	MI	5W
0246	KB3EOF	559	MURPHY	MD	3W
0248	W2XN	559	FRED	FL	5W
0249	W5YR	559	GEORGE	TX	5W
0250	K5DW	559	DON	TX	5W
0252	KB9YIG	579	TONY	IN	2W

0253	N5IB	579	JIM	LA	5W
0254	N4VM	559	BRYN	TN	5W
0255	K5OI	559	TIM	NM	5W
0256	KE0WW	579	MIKE	MN	4W
0258	VA6RF	559	EARL	AB	5W
0300	AB5II	599	DON	OK	5W
0301	AA7EQ	559	BOB	AZ	5W
0302	K4FB	599	PAUL	FL	5W
0304	KB7WW	559	ART	OR	5W
0305	KB1ENS	559	JOHN	VT	5W
0307	KM1Z	559	FRAN	VT	5W
0308	WB8WTU	559	DENNIS	OH	5W
0310	AF4LQ	579	MIKE	KY	5W
0311	KI0II	559	RON	CO	4W
0313	VE6EX	559	DAN	AB	5W
0314	WA8BXN	559	MIKE	OH	5W
0316	KU4TN	559	JAMES	VA	500MW
0318	KG4FGC	559	KEN	NC	5W
0319	N0IT	559	DAVE	MO	5W
0320	N0KLV	559	KEVIN	MN	5W
0322	WA4NWW	599	RICK	AL	5W
0324	K5DI	589	KARL	NM	5W
0326	W8YMO	579	HARRY	OH	5W
0329	N9WW	579	JIM	IL	5W
0330	WB8RCR	559	JOHN	OH	5W
0333	WA7TQK	559	BILL	ID	5W
0337	WD5CMA	559	GLORIA	LA	200MW
0340	W0JOE	559	JOE	MO	5W
0343	KK7OQ	559	JIM	OR	5W
0345	W5YW	569	MIKE	LA	1W
0346	N4SO	599	KEN	AL	5W
0348	NV4V	559	PETE	KY	5W
0356	WU9F	559	TERRY	WI	5W
0357	N5OHL	559	JIM	OK	5W
0400	W8RU	FOX	RON	MI	5W

Date: Tue, 6 Mar 2001 11:53:36 -0700
From: "T.W." <wb5qyt@abq.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [94070] Calendar
Message-ID: <MABBIKAEJKMHLIDDGMCKAEELCFAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed,

Great idea Ed! Checked it out already and Im sure the group is really going to use it including myself!

72, Tom WB5QYT....."Have spud will travel!"

Date: Tue, 13 Mar 2001 09:56:44 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [94071] F5PBL 14.060 2000Z
Message-ID: <20010313.102758.11446.5.n4so@juno.com>

Sked with Claude, F5PBL today 14.060 2000Z

F5PBL has a new Elecraft K1 that he is testing.

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

_____
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http://dl.www.juno.com/get/tagj.

Date: Tue, 13 Mar 2001 16:36:36 -0000
From: "Andy GM0NWI" <GM0NWI@btinternet.com>
To: "G-QRP Club" <gqrp@onelist.com>, "American QRP List" <qrp-l@lehigh.edu>
Subject: [94072] FOR SALE: Ten Tec Argosy 2.......
Message-ID: <000501c0abdb$e0b4b2a0$9a79073e@AndyCunningham>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hello All.....

Was asked by a fellow "ham" buddy Mr Dave McCrandle (GM4SNZ) to whether I could put this on the list for him.....

FOR SALE

Mint...!

TenTec Argosy 2 (Digital Display Model), complete with original manual, original TenTec hand mic, power-cord, and 250 Hz CW Filter, complete boxed...

Sale price 350 -375

PLEASE ..!!! Guy`s, anyone interested in this return any enquiries, to the address
DIRECTLY BELOW...!! NOT to the gm0nwi link..!!!! The rig is NOT mine and I have no other information at hand to give, so e-mailing me would be pointless....

RETURN E-MAIL ENQUIRIES TO:-
dov@cableinet.co.uk

72`s de Andy gm0nwi@btinternet.com " A Disorientated Kiwi In The Northern Hemisphere ... "
GM0NWI
" Long Live QRP..!! " " All The Best Wishe`s From Bonnie Scotland "

QRP ARCI No. 10561 " The Weakest Station In The Nation... "
G-QRP No. 9576
QRP - L No. 2165 "It is vain to do with more....
ICQ No. 31899603 what can be done with less .... "

Date: Tue, 13 Mar 2001 16:52:26 +0000
From: "Chuck Adams, K7QO" <k7qo@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [94073] [MH101] SWL-30+ Notes [long]
Message-ID: <5.0.2.1.0.20010313154615.00a6eb40@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

For those of you going to do the Manhattan Style building of

Dave Benson's (NN1G) SWL-30 or SWL-30+. I have a count near 25
at this time.

I have the SWL-30+ schematics and parts list out on the web page.
See signature below. I mentioned in the notes and postings that I
would be doing the SWL-30 but don't let that stop you from doing
the SWL-30+. You wind fewer toroids doing the SWL-30+ since Dave
uses the IF cans from Mouser (42IF123 part number). And you've seen
all the posts that part number has generated. :-)   There was
another IF can 42IF128 that was being used for a while and you'll
note that it disappeared from the Mouser catalog. I will show you
how to mount the IF cans even though I won't be doing it in my rig.
And at one time Mouser had the spec sheets for the 42IF123 on their
web page in PDF form. I know 'cuz I printed them out at one time and
have them in my files for future reference.

I have renamed the rig that I'm going to do to the QRPL-30 as it
will be a cross between the SWL-30+ and the SWL-30. I want to
keep the crystal filter of the SWL-30+ and few other upgrades
but trade the IF cans for toroids. For several reasons. You learn
something and you can then build what ever you need for later projects.
And I think that there will not be that much difference in the room
needed on the layout. And when I'm doing Manhattan construction I
don't spend that much time worrying about the room required as I
start with a larger board area that I think I'll need. So far I have
been lucky and haven't run out of room.

I have work in progress to add an IF amp (single transistor) to increase
receiver gain and demo using a transistor instead of an IC amp. I am going
with the old 2SC799 final PA as I will not be running more than 1W any way.
And there will be the QRP-L traffic generated later by all the calls for
5W mods and there won't be such mods from me. :-) I would like for
everyone to do some QRPp work and see how it is on the other side of the
"fence" as 1W is a real dividing line between weak and real weak signals
and the need for knowing propagation, etc. The antenna becomes a little
more critical at lower power levels, but you knew that. Any of the final
PA transistors like the 2N3553's, etc. used in the old rigs and some
of the new OHRs will do nicely and should be readily available. I'll
do some more research on this as soon as time permits.

Now I can not devote much time to this project until after ArkieCon
the first weekend of next month, so hang on for a while. In the meantime
you can be gathering the parts that you need. Jim, N5IB, is working
with some on that.   I don't think a group buy is going to save that much
on this project and it doesn't cost that much to begin with < $40 in parts.
And I recommend that you get the best parts you can afford and not have to
spend weeks tracing down a component that is wrong or isn't right. You'll
learn a lot in the process but save that for later in life.....

On page 441 of Mouser latest catalog #605. FR-4 Composite 0.059" thickness epoxy glass laminate single sided board is $1.96 for a 4x6" and I think this will be the right size. You spend another $1.06 for the smaller 3x3" to use for pads. This is cheaper that the shipping costs of any other deal you can get (I think). IMHO. FYI. No guarantees. Op's standing by.....

RadioShack.com and Radio Shack have PC board materials in stock also.

On the crystals. Dave used 8.000000MHz at first then moved to the 7.680000MHz crystals. We'll discuss this in detail in the web notes. Your choice. I haven't found that much BC imaging on the old 8.000000MHz IF, but in EU and near the US borders this may be an issue. You may want to buy 10 crystals at what ever frequency you choose so that you can do some crystal matching and I'll also show you how to do that in the material I generate.

NOTE: Homework. Go to every book and magazine you have and CD. Look up and investigate crystal oscillators and quartz crystals in general. ARRL HB is a good starting place. Learn to use the index. Take notes. There will be a quiz later. See all of Wes Hayward's books and articles. (W7ZOI web page also the last time I looked). http://www.easystreet.com/~w7zoi/ is his new web URL for those that haven't checked lately.

I am personally doing research in this area of crystals for an article. The best way
for matching crystals is usually beyond the capabilities of the typical ham 'cuz he/she needs a very very stable signal generator, frequency counter good to 1Hz, and a good RF probe that is very sensitive, which you can make. But I'd like to find a cheaper and easier method that may not be perfect but will get you to the point of matching crystals faster and easier. This I think means finding a crystal oscillator that gets very close to the series resonant point of each crystal. We used to do this with tube oscillators. I have the Ham Radio issues on oscillators and a few other articles that I have to go through and
build some of the stuff and experiment. Film at 11 as they say.

And finally. For those of you that may be scared of doing this. And if you haven't
built anything yet and are new to radio. Then you might consider ordering a SWL-30+ kit from
Dave Benson, NN1G, http://www.smallwonderlabs.com/ and build it along with the rest
of us. I'll spend the $55 and order one today and build it at the same time for helping you guys/girls. It is the same as the rig for the Elmer101 project but for
another band. I think I still have the pics for building the SWL-40+ somewhere on the web page. So many pics and so little time. :-)

Then with all these little rigs on 30m we can take over the band. Ever notice how many QRPers there are on 30m? I think almost 1/2 of all my 300+ Qs on 30m are 2xQRP
contacts and all done since Jan 12th of this year.

FYI es cul,

dit dit

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com http://www.qsl.net/k7qo http://moon.pr.erau.edu/~adamsc

TMPS-2001 Mar 01, 2001 Q's = 311 States = 42 Counties = 261 DXCC = 12
SWL-30 with CMOS 3 keyer and HB Iambic Paddle 0.500W and vee-beam

States Needed AK DE IN MS RI VT VA WV

DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 CO8 ZS6

Date: Tue, 6 Mar 2001 11:19:48 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [94074] Dates for QRP to Fields after June?
Message-ID: <20010306191948.44423.qmail@web10005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I know BUBBA is sometime after Field Day. For some reason I keep
thinking there is another QRP to Field type contest in addition to
that. Any one know the name and date?

Thanks and 73!

Jeff

=====
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

Date: Tue, 06 Mar 2001 09:54:07 -0800
From: Bill Jones <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [94075] Re: Web Calendar for QRPers
Message-ID: <3AA5243F.6737B435@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What a great idea, Ed. I plan to do some backpacking this spring and
summer and could use your calendar as an alert for possible 40 meter
contacts from camp at night. Thanks.

--

Bill Jones - KD7S <><
Sanger, California
http://www.psnw.com/~kd7s/

Date: Tue, 6 Mar 2001 13:11:31 EST
From: PDouglas12@aol.com
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [94076] Turning off HTML in AOL 6.0
Message-ID: <26.1223ed1a.27d68253@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

This is not on topic per se, but is important to users of this list who plan
to or have "upgraded" to AOL 6.0 as their mail system. The problem is that
AOL 6.0 tries to send all email in HTML, and most maillists, including
Elecraft's and QRP-L reject HTML. To turn off HTML on your email,
hit CTRL-A to highlight all of the text; right click on the highlighted text;
 then select TEXT; then select NORMAL, and your email will be sent as plain
ASCII text. It works.

This clever workaround was posted on Elecraft's list by Frank, FMNNC@aol.com,
and is reposted here with his permission.

72,

Preston WJ2V

Date: Tue, 13 Mar 2001 11:52:17 US/Central
From: bcharbour@zebra.net
To: qrp-l@Lehigh.EDU
Message-ID: <200103131753.f2DHrZo04941@smtp2.zebra.net>

How do I unsubscribe from this
list??

Date: Tue, 13 Mar 2001 13:19:07 -0500
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: "QRP forum" <qrp-l@lehigh.edu>
Cc: "Mike Czuhajewski" <wa8mcq@erols.com>
Subject: [94078] Magnetized baluns and bad HW-8 cores
Message-ID: <001401c0abea$17f80100$5ab0db26@MCzuhajewski.EVI-INC.COM>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Said WA5BDU,

"...I don't have any heavy duty texts on the subject, but my Amidon book and a few others mention saturation and overheating but I didn't see anything about permanent changes. The main thing I recall, and someone else mentioned, was permanent changes in cores in HW-8s. For the life of me, I can't find the article--or was it a QRP-L thread? I looked through my old QQs and QRPps with no luck. Anybody got a pointer to the article(s)?"

Being the author of that, it's my business to keep a pointer :-) All of the above was in the QRP Quarterly a number of years ago, scattered across at least two issues. I wrote about the bad ferrite cores in the HW8 output networks on 80 and 40 meters (they used powdered irons on the higher bands), as well as some experiments I did at home zapping some perfectly good cores, both ferrite and powdered iron. I tried returning the cores to normal by heating and cooling and it didn't work. I did not try running a steadily decreeasing alternating current through them, although lots of people say that works.

I put the info in the qrp-l archives section at lehigh.edu. Here's how to find it--

Go to the qrp-l home page at http://qrp.lehigh.edu/lists/qrp-l/

Click on QRP-L File Archive. That takes you to the FTP side. To get back into html, click on index.html, then from that page click on articles. The articles you're looking for are badhw8cores.mcq and zapcores.mcq. The first is obvious, and the second one details some experiments I did with zapping perfectly good cores.

BTW, if you stay with the FTP section instead of going to the html index, you can still download all the files in the archives but some of them have a .Z extension indicating that they are stored in compressed format, and it's not PKZIP. You can FTP them to your computer but be sure to drop the .Z extension so they will be uncompressed before transmission.

As far as I know, I'm the first one to notice that the cores in the HW-8 on 80 and/or 40 can go bad, and figuring that one out took a good while :-) I've been spreading the word ever since. I quit keeping count when I hit ten confirmed cases many years ago.

73 and queue our pea DE WA8MCQ

Date: Tue, 13 Mar 2001 13:51:26 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [94079] Re: Source for large transformers?
Message-ID: <200103131824.f2DIOiG13569@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Gosh, how come everyone advocates these wasteful linear regulated
> supplies, rather than considering an efficient switching power supply
> that would do away with the need for a large, low-voltage, high-current
> transformer?
>
Well, for one thing, wasteful linear supplies are a *lot* easier to build and get working. Also, they tend to be more reliable and easier to fix if they do go bad.

You still need a transformer in a switching supply, it's just a

different type. One that isn't very easy to get, as most switching supply transformers are custom made for that perticular supply.

I for one would not want to use a supply that regulated down directly from rectified line voltage (even with an isolation transformer) as there is a definate risk of dumping that 160-170 volts into my rig if something went wrong. And belive me, something can and will eventually go wrong. (voltage spikes on the AC line would be of big concern with this type of supply)

So, if I wanted a high current, low voltage, off line switching supply, I'd buy one ready made. The time, trouble and expence of trying to homebrew one just isn't worth it. OTOH, if you kept that big, heavy, low voltage, high current transformer and simply replaced the linear regulator with a switching type, that would be a lot more do-able, though still something of a can of worms to get right.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Tue, 13 Mar 2001 10:25:44 -0800 (PST)
From: Doug Bankston <dougbankston1@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94080] QUICK SALE! TenTec Argo II (535)
Message-ID: <20010313182544.25556.qmail@web4301.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

A guy offered to buy the ARGONAUT II, I accepted, he said he would be sending a bank check but now he just told me over the phone a few minutes ago he has changed his mind and is buying an 817 from some other guy.. (In the meantime, I've been deleting e-mails in response to my ad) I have no idea who was offering what for the ARGONAUT II..

SO..... Below is my original AD posted a few days ago... I'll take the first offer over $520 (I Pay shipping/insurance).....

Doug Bankston/W4IDW/ March 13th/ 1:38p.m. EST

--- Doug Bankston <dougbankston1@yahoo.com> wrote:
> FOR SALE/TRADE:
>
> TEN TEC Argonaut II (Model 535). For those of you
> not
> familiar with the 535, its almost identical to the
> Delta II, only the 535 has the 5 watt finals.
> * All solid state 160 - 10m xcvr (w/warc). Gen
> coverage rcvr. Full Digital readout (07.040.00)
> * famous ten tec filtering & qsk.
> * Fantastic receiver (download qst's product review
> from QST magazine's website.
> * Excellent electrically/cosmetically. Only one
> small
> ding on the top of the rig which a previous owner
> covered with a very small spot of paint. The spot is
> about 1/2 the size of a dime.
> * Original manual and hand mic.
>
> $600 (Shipping/Insurance included). OBO
>
> Would consider $525 + a fun rig like an OHR
> Explorer,
> MFJ Cub, or similar xcvr I can take camping)..
>
> Please reply to my w4idw@yahoo.com e-mail account.
> I
> only check the account I'm sending this e-mail from
every 2 or 3
> days.
> Have a nice Day
> Tnx
> de Doug W4IDW Stafford, Virginia
>
>
> _____
> Do You Yahoo!?
> Yahoo! Auctions - Buy the things you want at great
> prices.
> http://auctions.yahoo.com/
>
> ---
>

_____
Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
http://auctions.yahoo.com/

Date: Tue, 13 Mar 2001 13:30:25 -0500
From: Rick Robinson <rerobins@email.uncc.edu>
To: elecraft@qth.net
Cc: qrp-l@lehigh.edu
Subject: [94081] JPS NIR-12 DSP unit info wanted
Message-ID: <v03102805b6d414292a4f@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I bought a JPS NIR-12 at the Charlotte Hamfest Saturday. I wasn't too familiar with the unit, but for $50 it seemed like a bargain considering I paid $29.95 for a RS DSP. The unit was in the original box with the manual and looks unused. I was told it was unused and came from the stock of a bankrupt ham dealer but who knows.

Does anyone have any experience with the NIR-12? I did a search on the web and it seems to be used mostly by EME and satellite folks. According to the manual it uses dual DSP processors and should be a good addition to the shack. It sure is a heavy little box, heavier than my K2 with the internal battery.

Thanks in advance and 72,

Rick kf4ar

Date: Tue, 13 Mar 2001 13:32:19 -0500
From: Dick Rood <fcsw@juno.com>
To: qrp-l@lehigh.edu
Subject: [94082] Disregard this ascii test . . .
Message-ID: <20010313.133220.-3951367.0.fcsw@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

. . . from Juno version 5

thanks

dick w2scf

Date: Tue, 13 Mar 2001 14:00:23 -0500
From: John Wagner <john@neknetwork.com>
To: bcharbour@zebra.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94083] Re: Unsubscribing
Message-ID: <3AAE6E47.281604BA@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The QRP-L website has instructions at:

http://qrp.lehigh.edu/lists/qrp-l/join.html

I urge all list subscribers to bookmark that page in case you want to
make modifications to your QRP-L subscription. Also, if you intend to
resubscribe at some point in the future, you should probably POSTPONE
instead of UNSUBSCRIBE.

The quick answer to your question is to send email to:
listserv@Lehigh.EDU and in the body of your email you should write:

UNSUBSCRIBE QRP-L

Make sure you send the request from the account that you subscribed
with.

Please note that I can not help you with list administration other then
point you at the website. The QRP-L manager at manager@qrp.lehigh.edu is
the person to contact for assistance.

Thanks es 73,

John, KB1ENS
QRP-L Webmaster

bcharbour@zebra.net wrote:
>
> How do I unsubscribe from this
> list??

--
John Wagner - john@neknetwork.com
Web page: http://www.neknetwork.com

Date: Tue, 13 Mar 2001 08:53:39 -0600
From: clifton w sikes <n5uw@juno.com>
To: qrp-l@lehigh.edu
Subject: [94084] For Sale
Message-ID: <20010313.150706.-182549.0.n5uw@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Brother asked me to list his Index Labs QRP+. Price $350.00, and he has an aluminum carrying case for another $25. Please e-mail HIM, not me, at psikes@whidbey.net

Thanks,

Clif N5UW
Earlsbor, OK (the planet Mars)

_____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

Date: Tue, 13 Mar 2001 14:27:07 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [94085] DX and DSP
Message-ID: <Pine.LNX.4.31.0103131418180.1407-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am on 10 meters at 28489.0 KHz and just worked VT3RI in India with a 59 report. I gave him my state and name and he came back and said my audio is very clean and easy to copy. I told him I was running 5 watts and he said wonderful and we sure have propogation!

I copied him fine and and for fun I turned off the DSP filter and there was a strong carrier about 600 Hz away and the DSP made it disappear. I had a very nice copy on the signal from India. He was wavering between s 1 and s 8 with heavy QSB. The DSP unit I'm using is the old Radio Shack one that I bought from Doc. Can't imagine why Doc is selling it.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Tue, 13 Mar 2001 16:26:03 -0500
From: "Anthony A. Luscre" <aluscre@neo.rr.com>
To: David Heintzleman <pstrdave@kdsi.net>
Cc: qrp-l@Lehigh.EDU, tentec@qth.net
Subject: [94086] Re: [TenTec] earphones
Message-ID: <200103132124.f2DLOFX19647@clmboh1-smtp3.columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got a brand new set in the box at Dayton last year.
The vendor was in the large outside fleamarket tent. Don't remember the
vendors name but it is acompany that has been in same spot for years
(corner of tent closest to Hara arena) Might have been Omar's but not sure.

David Heintzleman wrote:

> Hi, just got a TenTec PM2B transceiver like I used to have in 70-71. I
> am in need of a pair of high impedance, 1000 ohm, ear phones.
> any suggestions where to find?
>
> reply off list - tnx
> 73,
> Dave K8BBM
>
> ---
> Submissions tentec@qth.net

--
|-------------------------|
     Anthony A. Luscre
            K8ZT
        Stow, Ohio
|-------------------------|

Date: Tue, 13 Mar 2001 14:33:26 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Rick Robinson <rerobins@email.uncc.edu>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94087] Re: JPS NIR-12 DSP unit info wanted
Message-ID: <Pine.LNX.4.31.0103131431040.1631-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rick, can't help you with the JPS device but just want to say your RS DSP
is a wonderful filter. Took me 3 hours to figure out how to use it but now
it's on every second the radio is turned on, in either ssb or cw. The cw
filter is wonderful.

On Tue, 13 Mar 2001, Rick Robinson wrote:

> I bought a JPS NIR-12 at the Charlotte Hamfest Saturday. I wasn't too
> familiar with the unit, but for $50 it seemed like a bargain considering I
> paid $29.95 for a RS DSP.   The unit was in the original box with the
> manual and looks unused. I was told it was unused and came from the stock
> of a bankrupt ham dealer but who knows.
>
> Does anyone have any experience with the NIR-12? I did a search on the web
> and it seems to be used mostly by EME and satellite folks. According to
> the manual it uses dual DSP processors and should be a good addition to the
> shack. It sure is a heavy little box, heavier than my K2 with the internal
> battery.
>
> Thanks in advance and 72,
>
> Rick kf4ar
>
>
>
>

Yours Truly,

      - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 14 Mar 01 00:40:52 +0300
From: Oleg Borodin <Oleg.Borodin@p11.f35.n5036.z2.fidonet.org>
To: qrp-l@lehigh.edu
Subject: [94088] QRP kits for sale
Message-ID: <984531481@p11.f35.n5036.z2.ftn>

Two interest items for QRPers:

- PCB for the smallest TRCVR "Micro-80" size 35 x 50 mm with schematic diagram
  $5 (include post&packing);
- full kit of parts incl.PCB of Micro-80 trcvr $20 (p&p)
The Micro-80 is a direct convertional trcvr for any singl band 80/40/30/20m
CW with 4 transistors only, VXO, abt 300 mW output (C)RV3GM. The really
smallest TCVR in the World. Cash only, please, keeping at dense paper to:
Oleg V. Borodin
Cosmonaut str. 19-74
Lipetsk, RUSSIA, 398043
and message by Net-Mail Oleg.Borodin@p11.f35.n5036.z2.fidonet.org

eng. Oleg V. Borodin 14 March 2001 00:40
... God keep & bless you...

Date: Tue, 13 Mar 2001 16:24:59 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [94089] Fwd: For Sale - NorCal -20 Kit (unbuilt)
Message-ID: <5.0.2.1.0.20010313162341.00abe360@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The NorCal-20 kit has been sold.

Thanks very much for your responses.

de Dave, NF0R   nf0r@slacc.com

>Good afternoon,
>
>Selling my unbuilt NorCal-20 kit.
>
>As delivered by NorCal, part bags unopened.
>
>$100 includes shipping to US fifty.
>
>Thank you,
>
>
>
>de Dave, NF0R   nf0r@slacc.com

Date: Tue, 13 Mar 2001 14:37:09 -0800 (PST)
From: Howard Weinstein <k3hw@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [94090] Re: QRP kits for sale
Message-ID: <20010313223709.4789.qmail@web4302.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

QRPers...
1. Where can I goet rubles to send to russia? ... or does he want american
green stamps?
2. Is this individual a cosmonaut or does he live on cosmonaut street?
3. Where the hell is Lipstick Russia?
Tnx es 72
K3HW

--- Oleg Borodin <Oleg.Borodin@p11.f35.n5036.z2.fidonet.org> wrote:
> Two interest items for QRPers:
> - PCB for the smallest TRCVR "Micro-80" size 35 x 50 mm with schematic
> diagram
> $5 (include post&packing);
> - full kit of parts incl.PCB of Micro-80 trcvr $20 (p&p)
> The Micro-80 is a direct convertional trcvr for any singl band 80/40/30/20m
> CW with 4 transistors only, VXO, abt 300 mW output (C)RV3GM. The really
> smallest TCVR in the World. Cash only, please, keeping at dense paper to:
> Oleg V. Borodin
> Cosmonaut str. 19-74
> Lipetsk, RUSSIA, 398043
> and message by Net-Mail Oleg.Borodin@p11.f35.n5036.z2.fidonet.org
>
> eng. Oleg V. Borodin 14 March 2001 00:40
> ... God keep & bless you...

____
Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
http://auctions.yahoo.com/

Date: Tue, 13 Mar 2001 18:13:32 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [94091] RE: QRP kits for sale
Message-ID: <CKEGICNFDIMCEKEDCEHFKEFIGGAA.n4xy@att.net>

MIME-Version: 1.0
Content-Type: text/plain;
     charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Give him a break Howard... this is good old fashoined capitalism at its
best!

And a pretty good deal to boot.

73 Ed Tanton N4XY <n4xy@arrl.net>

website: http://www.n4xy.com

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA   GACW   QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Tue, 13 Mar 2001 17:15:49 -0600
From: "Marty N5NW" <n5nw@onebox.com>
To: "QRP" <qrp-l@lehigh.edu>
Subject: [94092] Re: 500 v. 250 Filter Question
Message-ID: <000301c0ac13$8b6ce6e0$0200a8c0@n5nw>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

If I were primarily chasing DX (or other pileup-type operations), the 250 Hz
filter would be a must. For contesting, where hearing stations slightly
off-frequency is important, the 500Hz filter is adequate. Combine the 500Hz
filter with the Twin Passband and Auto-Peak attenuator on my IC-746 and it
works superb.

Look at the APF-ish functions. It's basically a reverse notch, passing
signals on the target frequency, but attenuating those on either side. It
does help.

--
72 es 73 de Marty, N5NW

--
Lakeland (Memphis), Tennessee
http://marty.w.tripod.com/

Date: Tue, 13 Mar 2001 18:24:12 -0500
From: "Ed Tanton" <n4xy@att.net>
To: <qrp-l@lehigh.edu>
Subject: [94093] RE: JPS NIR-12 DSP unit info wanted
Message-ID: <CKEGICNFDIMCEKEDCEHFOEFJGGAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="US-ASCII"
Content-Transfer-Encoding: 7bit

 -----Original Message-----
 From: Ed Tanton [mailto:n4xy@att.net]
 Sent: Tuesday, March 13, 2001 6:22 PM
 To: elecraft@qth.net
 Subject: RE: [Elecraft] JPS NIR-12 DSP unit info wanted

 Quite a deal you got Rick! I have two of 'em: one for my Ham
 Radio audio 'channel' and one for my SWL/VHF/UHF/etc. 'channel'.
 The NIR-12 is arguably the best external audio DSP ever made. At
 $50, you got it for >1/4 or so of its original cost, and better
 than 1/2 to 1/3 of its present value. It will provide you with
 single signal CW reception with separate controls for every
 parameter you could ask for-all without getting overly
 complicated. And it also works well with SSB as well. A GREAT find!!!

 73 Ed Tanton N4XY <n4xy@arrl.net>

 website: http://www.n4xy.com

 LM: ARRL QCWA AMSAT & INDEXA;
 SEDXC NCDXA   GACW   QRP-ARCI
 OK-QRP QRP-L #758 K2 (FT) #00057

 ///snip
 >
 > Does anyone have any experience with the NIR-12?
 ///snip///
 > It sure is a heavy little box, heavier than my K2 with
 > the internal
 > battery.
 >
 ///snip

Date: Tue, 13 Mar 2001 17:32:17 -0600
From: "Marty N5NW" <n5nw@onebox.com>
To: "QRP" <qrp-l@lehigh.edu>
Subject: [94094] FS or FT Palm Pilot Professional
Message-ID: <000701c0ac15$d8aed100$0200a8c0@n5nw>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have a Palm Pilot Professional (the old US Robotics version) with cradle, manual and software. Leather case also included. Would like to trade for a deep cycle marine battery (100+AH) with charger, preferably solar charger! I'd also consider a swap for a pair of Sennheiser headphones, or a David Clark headset.

An old 386 or 486 laptop would be an excellent trade options as well, with 40MB+ HD and working 100%. Please e-mail direct with inquiries and interest.
--
72 es 73 de Marty, N5NW

--
Lakeland (Memphis), Tennessee
http://marty.w.tripod.com/

End of QRP-L Digest 2126
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